TSIBERBILLER, Yelena Aleksandrovna; KULIK, M.S., red.; PETUNIN, I.M., red.; USHAKOVA, T.V., red.; SOLOVEYCHIK, A.A., tekhn.red.

[Characteristics of dry winds as they affect agriculture]
Agroklimaticheskaia kharakteristika sukhoveev. Pod red.
M.S.Kulika, I.M.Petunina. Leningrad, Gidrometeor.izd-vo,
1959. 117 p. (MIRA 12:7)

(Winds)

-3(7)
AUTHOR:

Kulik, M. S.

SOV/50-59-2-22/25

TITLE:

Second Meeting of the Commission on Agricultural Meteorology of the World Meteorological Organization (Vtoraya sessiya komissii po seliskokhozyaystvennoy meteorologii Vsemirnoy meteorologioheskoy organizatsii)

PERIODICAL:

Meteorologiya i gidrologiya, 1959, Nr 2, pp 67-69 (USSR)

ABSTRACT:

The second meeting was held between September 29 and October 17, 1958 in Warsaw. The USSR was represented by M. S. Kulik, V. P. Pepov and A. M. Chikalov. Ye. S. Ulanova was elected representative of the USSR in the Study Group for the Compilation of Weather Forecasts for Agriculture. F. F. Davitaya was elected Soviet representative in the analogous Study Group on Climatological Informations for Agriculture. I. A. Gol'taberg was voted representative of the USSR in the Study Group for the Drawing-up of Recommendations in the Fight Against Damage Due to Morning Frest, and L. A. Razumova Soviet representative in the Study Group on the Efficacy of Forest Strips. S. Bac (Poland) developed a simple apparatus for the determination of the scope of movements of soil strata in connection with the

Card 1/2

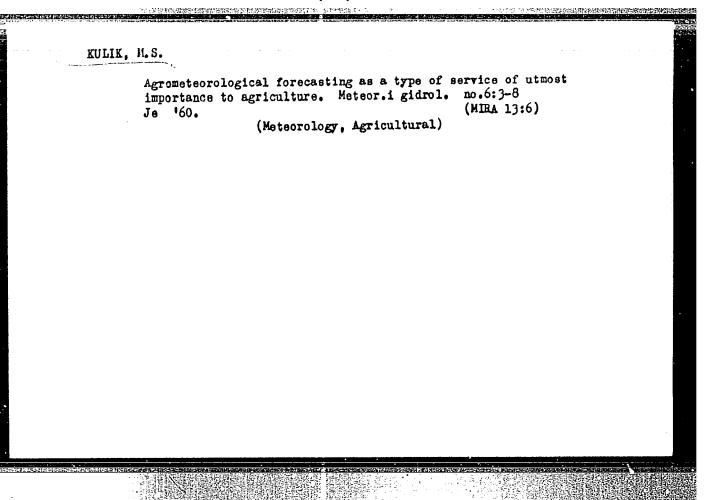
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freezing and melting of the soil. An apparatus of similar design is

Second Meeting of the Commission on Agricultural SOV/50-59-2-22/25 Meteorology of the World Meteorological Organization

being used by the Sabakino (Moscow oblast!) Station of Agrometeorology. The Soviet delegates reported on the radicactive method of determining the moisture of the soil (developed by Danilir), on the inexpensive and convenient pluviometer designed by Davitaya, on the feeler thermometer developed by Shokhin, on the evaporator designed by Popov, on the electric thermometers for the determination of the temperature at the tiller ( Bestockungsknoten) of winter seed. Mention is made of the reports delivered by the delegates from the USA and France. Soviet delegate V. P. Popov delivered a report on the principles of agreelimatic district classification. The other Soviet delegate, M. S. Kulik, spoke on agroclimatic indices for the drought. Soviet representative in the Study Group on Problems of Asmoslimatic district classification is F. F. Davitaya. M. Austin Birke (Ireland) was elected by secret ballot President of the Commission, while M. S. Kulik (USSR) was elected Vice-President.

Card 2/2



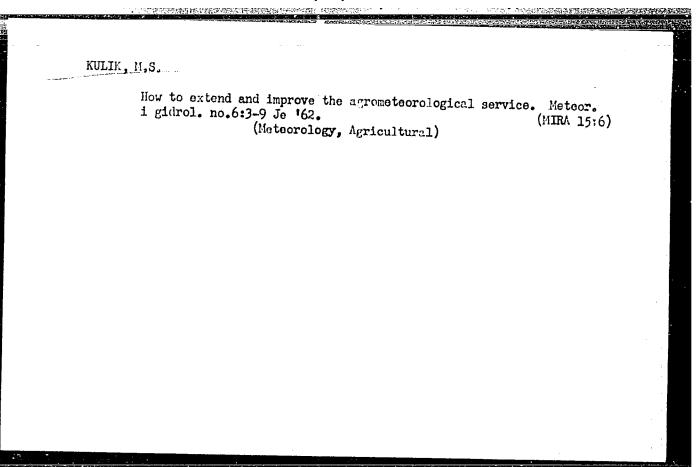
KULIK, M.S.; SAGATOVSKIY, N.V.

Transactions of the Kazakh Hydrometeorological Research Institute dealing with agricultural meteorology. Meteor. i gidrol. no.10: 51-55 0 '60. (MIRA 13:10) (Kazakhstan--Heteorology, Agricultural)

KULIK, M.S.

Liubov' Aleksandrovna Razumova; on her 60th birthday and 40th anniversary of scientific activities. Meteor. i gidrol. no.8: 62-64 Ag '61. (MIRA 14:7) (Razumova, Liubov' Aleksandrovna, 1901-)

# "APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927420003-4



# "APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927420003-4

KULIK, M. S.

"Agrochemistry in agriculture"

report to be submitted for the United Estimas Conference on the Application of Science and Technology for the Besefit of the Less Developed Areas - Geneva, Switzerland, 5-20 Feb 63.

MAKSIMOV, Semen Andreyevich; KULIK, M.S., otv. red.; SAGATOVSKIY,
N.V., red.; ALEKSEYEV, A.G., tekhn. red.

[Weather and agriculture] Pogoda i sel'skoe khoziaistvo.
Leningrad, Gidrometecizdat, 1963. 201 p. (MIRA 16:11)

(Meteorology, Agricultural)

VERIGO, Stefaniya Antonovna; RAZUMOVA, Lyubov' Aleksandrovna; KULIK, M.S., oty. red.; CHEPELKINA, L.A., red.; VOLKOV, N.V., tekhn. red.; SUVOROVA, L.D., tekhn. red.

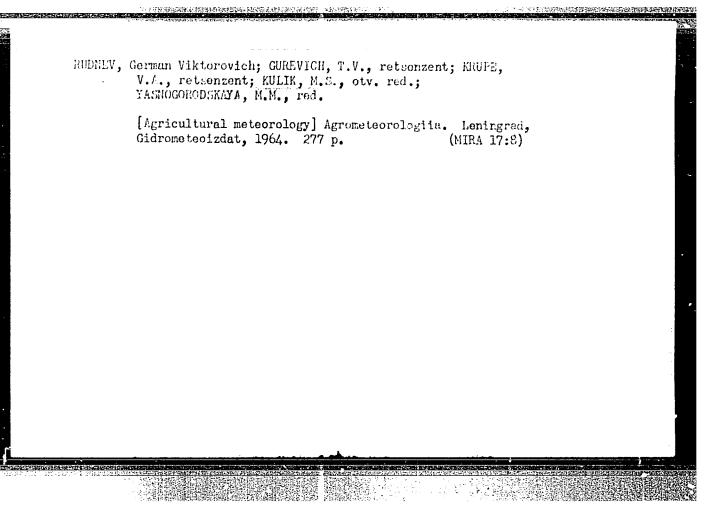
[Soil moisture and its role in agricultural production] Pochvennaia vlaga i ee znachenie v sel'skokhoziaistvennom proizvodstve.

Leningrad, Gidrometeoizdat, 1963. 288 p. (MIRA 16:6)

(Soil moisture) (Agriculture)

B V:TAYA, Feofan Farneyevich; KULIK, M.S., otv. red.; httl://diffict, V.V., red.

[Cumulative temperature forecast and some problems of the seasonal development of nature] Prognoz obespechemnosti teplom i nekotorye problemy sezonnogo razvitija prirody. Noskva, Gidrometeoirdat, 1964. 130 p. (MIR. 17:8)



KULIK, M.S., kand. geograf. nauk

wasserment best server

Estimating the agrometeorological conditions of the autumn vegetation of winter crops. Meteor. i gidrol. no.8:16-22 Ag \*164 (MIRA 17:8)

1. TSentral'nyy institut prognozov.

KULIK, M.S.

Agrometeorological forecasting. Zemledelia 26 no.2:5-12
F \*\*164.\* (MIRA 17:6)

1. Zamestitel' direktora TSentral'nogo instituta prognozov.

KULIK, M.S., kand. geograf. nauk

Significance of meteorological conditions for the effectiveness of mineral fertilizers. Meteor. i gidrol. no.12:17-23 D '64 (MIRA 18:1)

1. Laboratoriya agrometeorologicheskikh prognozov Instituta prikladnoy geofiziki.

DAVID, Rudol'f Eduardovich, akademik (1887-1939); KULIK, II.S., otv. red.; VAYTSMAN, A.I., red.

[Selected works on agricultural meteorology] Izbrannye raboty po sel\*skokhoziaistvennoi meteorologii. Leningrad, Gidrometeoizdat, 1965. 225 p. (MIRA 18:7)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni V.I.Lenina (for David).

KULIK, M.S., kand. geograf. nauk

Forecast of the effectiveness of the spring feeding of winter crops. Metero. i gidrol. no.8:3-6 Ag '65. (MIRA 18:7)

1. Institut prikladnoy geofiziki AN SSSR, Agrometeorologicheskaya laboratoriya.

L 30753-66 FCC

ACC NR: AP6020264

SOURCE CODE: HU/0033/65/069/003/0148/0153

AUTHOR: Kulik, Maksim Savvich (Candidate of geographical sciences; Head of agricultural weather forecasting laboratory; Obninsk)

ORG: Laboratory of Agricultural Weather Forecasting, Institute of Applied Geophysics Obninsk, SSSR (Laboratoriya agrmetprognoz, Institut prikladnoy geofiziki)

TITLE: Effectiveness of the use of fertilizer as a function of meteorological factors. This paper was presented at the Agricultural Weather Forecasting Conference held in Kechkemet from 15 to 19 September 1964.

SOURCE: Idojaras, v. 69, no. 3, 1965, 148-153

TOPIC TAGS: soil property, fertilizer, atmospheric temperature, atmospheric moisture ABSTRACT: It was shown that the effectiveness of fertilizer utilization decreases in the Soviet Union from the North-Western to the South-Eastern direction. This phenomenon was explained in terms of meteorological factors. A discussion of these factors led to the conclusion that the effectiveness of fertilizer utilization could be significantly increased by utilizing the meteorological phenomena such as atmospheric temperature, atmospheric and soil moisture content, etc. Of special significance is the period during which the average daily temperature is within 10° and 15°C. The onset of this period can be forecast by the method developed by Davitaya, F. F. Orig. art. has: 2 figures. Based on author's Eng. abst. JPRS

SUB CODE: 04, 02 / SUBM DATE: none

Card 1/1 LS

KULIK, M. Ye., Engineer

"Electrical Illumination of Night Field Work in Farming." Sub 1 Jul 17, All-Union Sci Res Inst of "echanization and Electrification of Agriculture (VIME)

Dissertations presented for degrees in science and engineering in Moscow in  $19\ensuremath{\text{l}}7$ 

SO: Sum No. 457, 18 Apr 55

GANELIN, A.M.; KISHECHNIKOV, S.A.; KULIK, M.Ye.

Electric fence for animals on pasture. Biul. nauch.-tekh. inform.
po elek. sel'khoz. no.1:10-11 '56. (MLRA 10:9)

(Electric fences)

112-57-8-16774

Translation from: Referativnyy zhurnal, Elektrotekhnika, 1957, Nr 8, p 120 (USSR)

AUTHOR: Kulik, M. Ye.

TITLE: An Electric Fence (Elektricheskaya izgorod')

PERIODICAL: Zhivotnovodstvo (Livestock Raising), 1956, Nr 7, pp 64-68

ABSTRACT: The author gives a full description of an electric-fence construction with an EP-1 supply apparatus. Drawings of the apparatus and fence construction, a list of faults often encountered in operation, ways of eliminating these faults, and safety rules are included.

I. V. I.

Card 1/1

EREMER, G.I., doktor tekhn.nauk, prof.; GAIDIN, M.V., inzh.; LEMIN, A.V., kand.tekhn.nauk; ZYABIOV, V.A., kand.tekhn.nauk; KAPIUNOV, M.M., inzh.; KASHEKOV, L.Ya., inzh.; KOROLEV, V.F., kand.tekhn.nauk; KRASHOV, V.S.; KULIK, M.Ye., kand.tekhn.nauk; MAKAROV, A.P., inzh.; NOVIKOV, G.I., kand.tekhn.nauk; NOSKOV, B.G., inzh.; OLENEV, V.A., kand.vet.nauk; OSTANKOV, V.P., inzh.; PERCHIKHIN, A.V., inzh.; POKHVALENSKIY, V.P., kand.tekhn.nauk; SERAFIMOVICH, L.P., kand.tekhn.nauk; SMIRNOV, V.I., kand.tekhn.nauk; URVACHEV, P.N., kand.tekhn.nauk; FADEYEV, N.N., inzh.; FATEYEV, Ye.M.; KRYUKOV, V.L., red.; VESKOVA, Ye.I., tekhn.red.

[Reference book on the mechanization of stock farming] Spravochnaia kniga po mekhanizatsii zhivotnovodstva. Moskva, Gos.izd-vo sel'khoz. lit-ry, 1957. 678 p. (MIRA 10:12)

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Krasnov, Fateyev).

(Farm equipment) (Stock and stockbreeding)

ANDRIANOV, V.N., doktor tekhn.nauk; BERSENEV, Ye.Ye., inzh.; BYSTRITSKIY, D.N., kand.tekhn.nauk; GREESOV, N.A., kand.tekhn.nauk; GREESOV, N.A., kand.tekhn.nauk; KURYAVTSEV, I.F., kand.tekhn.nauk; KUDRYAVTSEV, I.F., kand.tekhn.nauk; KUDRYAVTSEV, I.F., kand.tekhn.nauk; MUEIK; M.Ye., kand.tekhn.nauk; NAZAROV, G.I., kand.tekhn.nauk; OLEYNIK, N.P., inzh.; OSETROV, P.A., kand.tekhn.nauk; PODSOSOV, A.N., inzh.; POPOV, S.T., inzh.; PRISHCHEP, L.G., kand.tekhn.nauk; PCHELKIN, Yu.N., inzh.; RUBTSOV, P.A., kand.tekhn.nauk; RUNOV, B.A., kand.tekhn.nauk; SAVINKOV, K.P., kand.tekhn.nauk; SAZONOV, N.A., prof., doktor tekhn.nauk; SERGEYEV, A.S., inzh.; SKVORTSOV, P.F., kand.tekhn.nauk; SMIRNOV, B.V., kand.tekhn.nauk; SMIRNOV, V.I., kand.tekhn.nauk; TYMINSKIY, Ye.V., inzh.; URVACHEV, P.N., kand.tekhn.nauk; SHTRURMAN, B.A., inzh.; SHCHUROV, S.V., kand.ekon.nauk; RUNOVA, L.M., inzh.; VOL'FOVSKAYA, D.N., red.; HIKITINA, V.M., red.; BALLOD, A.I., tekhn.red.

[Menual on the use of electric power in agriculture] Spravochnik poprimeneniiu elektorenergii v sel'skom khoziaistve. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1958. 606 p. (MIRA 11:5) (Electricity in agriculture)

KULIK, M., starshiy nauchnyy sotrudnik; YAGNYATIESKIY, V., mladshiy
nauchnyy sotrudnik

Use electric fences. Nauka i pered. op. v sel'khoz. 8
no.4:27-29 Ap '58.

(Electric fences)

Electric fences of new design. Hauka i pered. op. v sel'khoz. 9
no.4:64-65 Ap '59. (MIRA 12:6)

1. Vsesoyuznyy institut elektrifikatsii sel'skogo khozyaystva.
(Electric fences)

KULIK, M. Ye., kand. tekhn. nauk

Electric lamps for detecting and exterminating flying insects. Zashch. rast. ot vred. 1 bol. 5 no.5%51 My '60.

(MIRA 16:1)

(Insect traps)

KULIK, M. Ye., starshiy nauchnyy sotrudnik

Electric lamps. Zashch. rast. ot vred. i bol. 5 no.10:42-43 0 '60. (MIRA 16:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii sel'skogo khozyaystva, g. Perovo.

(Insect traps)

## KULIK, N. A.

Goniometry of wolframite from one of the ore deposits. Zap.Vses. min.ob-va 84 no.3:365-368 '55. (MLRA 8:11)

1. Leningradskiy Gosudarstvennyy universitet (Wolframite)

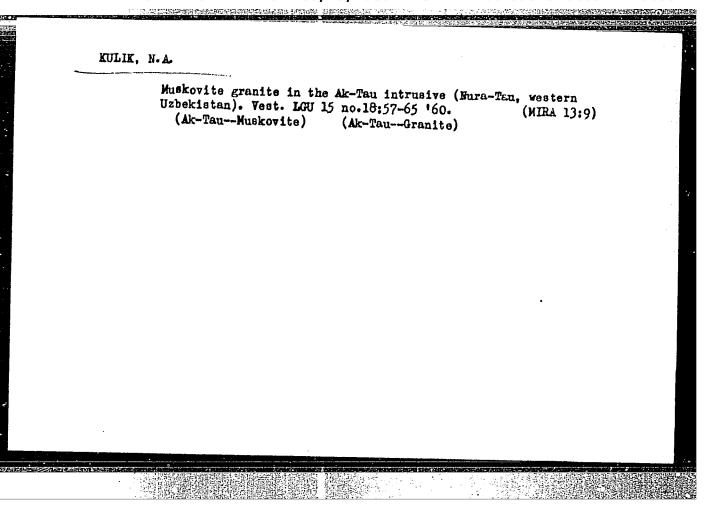
RIMSKAYA-KORSAKOVA, O.M.; SAKHONENOK, V.V.; KULIK, M.A.

Lyangar molybdenum-tungsten deposit. Vest. LGU 14 no. 6:63-74

159.

(Nura-Tau--Molybdenum ores)

(Mura-Tau--Tungsten ores)



KULIK, N.A.

Accessory garnet of leucocratic rocks of the Aktau intrusive. Uch.~zap. IGU no.312:222-233 \*62. (MIRA 15:6) (Mura-Tau---Garnet)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927420003-4"

KULIK, N.A.

Some data on the mineralogy of "uferite" (davidite). Zap. Vses. min. ob-va 94 no.1:114-119 165. (MIRA 18:3)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR.

KULIK, Nikolay Alekseyevich [Kulyk, M.O.]; MEL'NIKOV, Dmitriy Ivanovich;

RODNYANYY, Mikhail Ivanovich [Rodnianyi, M.I.]; SUSHKO, I.S., red.;
YEROSHENKO, T.G. [IEroshenko, T.H.], tekhn. red.

[Laboratory and practical work with tractors and motor vehicles]
Laboratorno-praktychni zaniattia z traktoriv i avtomobiliv. Kyiv,
Derzhsil'hospvydav URSR, 1961. 234 p. (MIRA 15:7)
(Tractors) (Motor vehicles)

## "APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927420003-4

GONGHARCY, V. J. 1 JEMTJCVA, N. M.: KULIF, N. F.: JEFERCVICH, I. F.

Afforestation - Caspian Sea Region

Forestry on unirrigated soils in the northern Caspian Sea region. Les. khoz, 5 No. 9, 1952.

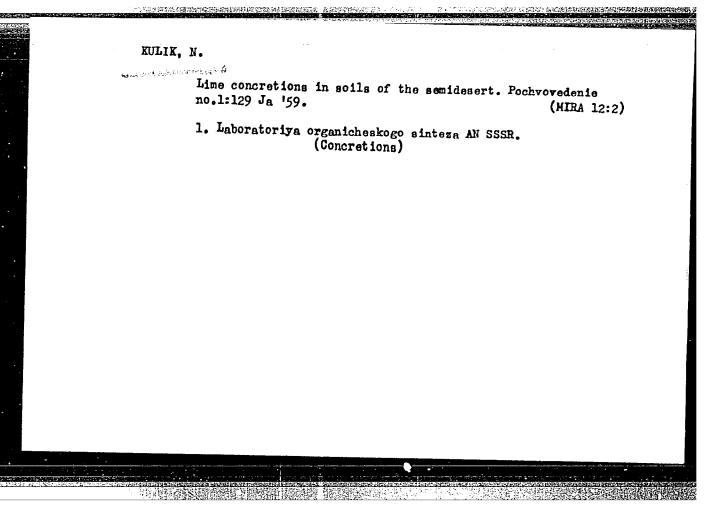
Monthly List of Russian Accessions, Library of Congress, November 1952. Unclassified.

-83-

## KULIK, N.F.

water balance of virgin steppe lands of Terek-Kuma sands[with summary in English]. Pochvovedenie no. 9:128-134 58. (MIRA 11:10)

l. Achikulakskaya lesnaya opytnaya stantsiya Vsesoyuznogo nauchnoissledovatel'skogo instituta agrolesomelioratsii. (Terek Valley--Soil moisture) (Kuma Valley--Soil moisture)



Willik, n.F.

Effect of thermal gradients on the translocation of vaporous moisture in soils. Fochvovedenie no.12:50-63 D '63.

1. Vsesoyuznyy nauchno-issledovatel'skiy institut agrolesomelioratsii.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927420003-4"

KULIK, N.F.

Lightened bar for a hand auger and formulas for calculating the quant ty of work performed in boring. Pochvovedenie no. 5:71-73

(MIRA 18:5)

1. Vsesoyuznyy nauchno-issledovatel skiy institut agrolesomelio-

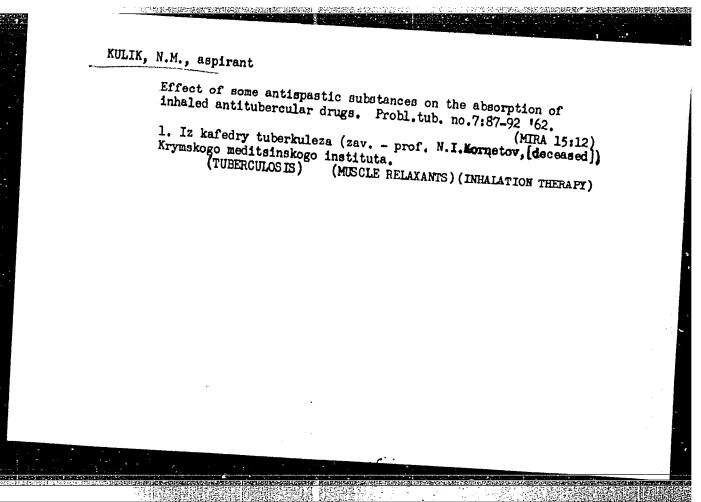
# KULIK, N. M. (Simferopol')

Influence of aerosols of hyaluronidase on the absorbability of inhaled antituberculotic preparations. Vrach. delo no.6:74-77 (MIRA 15:7)

1. Kafedra tuberkuleza (zav. - zasluzhennyy deyatel nauki, prof. N. I. Kornetov) Krymskogo meditsinskogo instituta.

(TUBERCULOSIS\_PREVENTION) (HYALURONIDASE)

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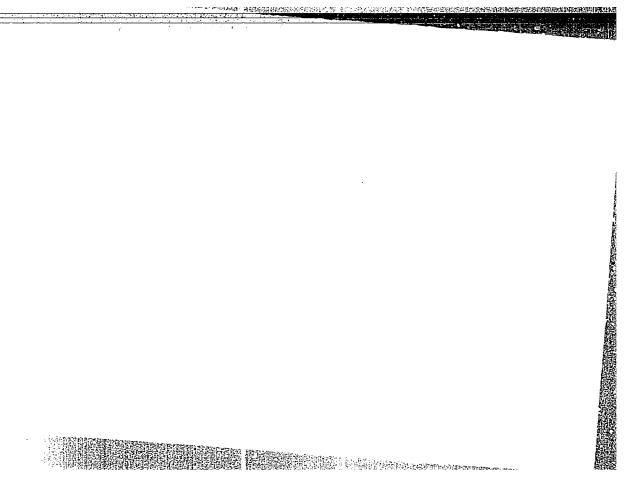


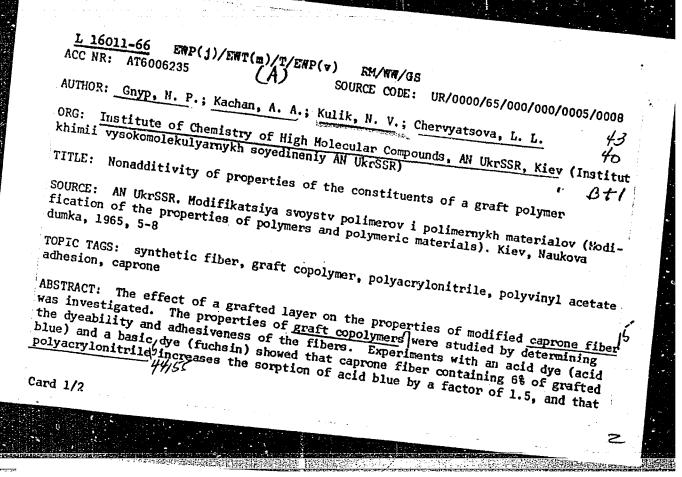
Acrosol therapy or patients with pulmonary tuberculosis. Vrachedelo no.9:35-40 S 63.

1. Kafedra tuber: culeza (zav. - prof. N.I.Kornetov [deceased])

Krymskogo meditsinskogo instituta.

(AEROSOL THERAPY) (TUHERCULOSIS)





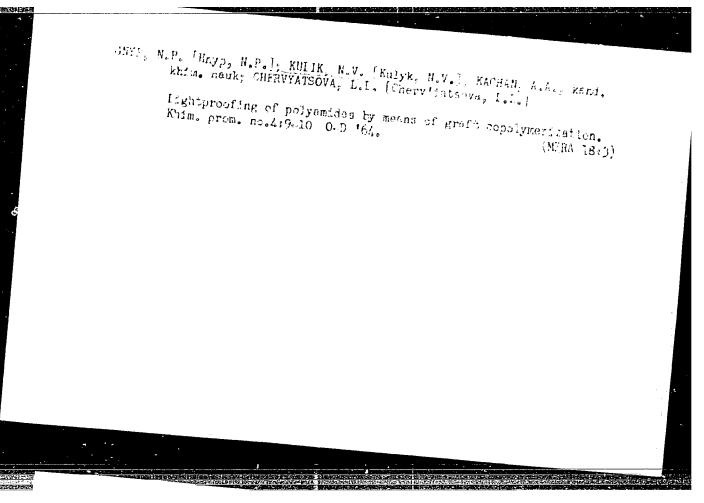
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ACC NR: AT6006235

were obtained with fiber modified with polyvinyl acetate. Thus, the dyeability depends little on the nature of the grafted layer or on the type of dye, indicating that the properties of the modified polymer are not determined by the properties of the substrate and of the grafted layer. A similar picture was obtained in a study of the adhesion of caprone fibers to grafted polydivinyl, poly-2-methyl-5-vinylpyrihesion after grafting, but in the case of SKB rubber's the samples showed a higher adprone cord not only did not increase, but decreased, and the properties of the modified caprone fiber were practically independent of the chemical nature of the grafted layer. It is suggested that physical factors associated with a change in rubber. Thus, the nonadditivity of the properties of the grafted layer and base art. has: 1 figure, 3 tables.

SUB CODE: 07/ SUBM DATE: 060ct65/ ORIG REF: 002/ OTH REF: 001

Card 2/2 1



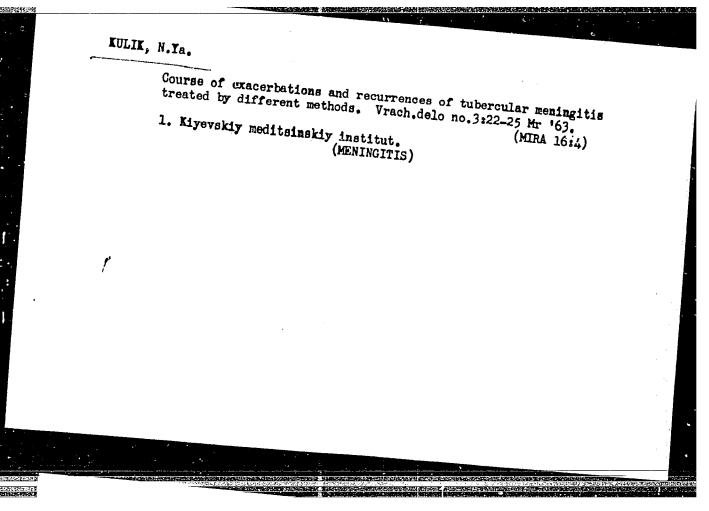
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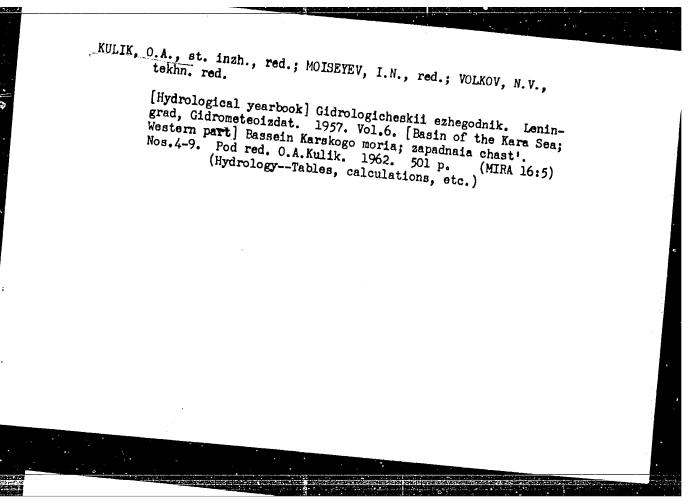
KULIK, N.Ya. [Kulyk, N.Ya.]

Some features of the absorption of phthivazid in combined therapy no.2:13-16 '57.

1. Kafedra gospital'noy pediatrii (zav. - prof. O.M. Khokhol) Kiyevskogo ordena Trudovogo Krasnogo Znameni meditsinskogo instituta im.

(MENINGES--TUBERCULOSIS) (ISONICOTINIC ACID)





APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927420003-4"

SHUMANOVA, A.1.; SOKOLOV, B.S.; CHERKASHENINA, Ye.F.; GARSKOVA, A.1.; CHULKOV, M.P.; BORISENOK, V.G.; RAIMOVA, S.S.; KULIK, L.P., red.

[Agroclimatic manual on Omsk Province] Agroklimaticheskii spravochnik po Cmskoi oblasti. Leningrad, Gidrometeoizdat, (MIRA 17:7)

1. Russia (1923- U.S.S.R.) Glavnoyo upravleniye gidrometeorologicheskoy sluzhby. Omskoyo upravleniye. 2. Gidrometeologicheskaya observatoriya Omskogo upravleniya gidrometeorologicheskoy sluzhby (for all except Kazachkov, Zhdanova).

# Stretching square plates having reinforced circular holes. Prikl. mekh.2 no.4:378-387 '56. 1. L'vivs'kiy derzhavniy universitet. (Eastic plates and shells)

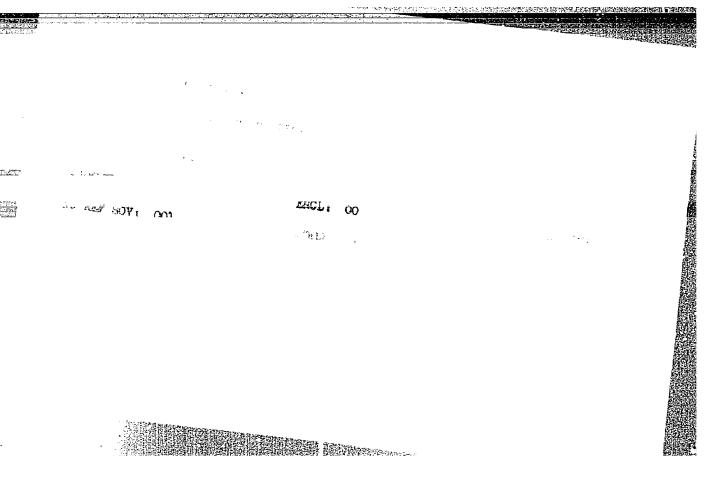
APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927420003-4"

A. Kobayasi (20 minutes).

Chemico-analytical methods of determination of micro-impurities in doped monocrystals of the type AIIgVI. I. B. Mizetskaya, L. M. Kalashnik, O. P. Kulik, I. G. Chernyy.

Doping of cubic monocrystals of CdS in the process of their growth and N. I. Vitrikhovskiy, I. B. Mizetskaya.

Report presented at the 3rd National Conference on Semiconductor Compounds, Kishinev, 16-21 Sept 1963



Automatic machine for cutting blanks from crude rubber sections

Automatic machine for cutting blanks from crude rubber sections

Obtained on worm presses. Kauch.i rez. 21 no.12146-47 D '62.

(MRA 16:1)

1. Sverdlovskiy zavod rezinovykh tekhnicheskith izdeliy.

(Rubber industry—Equipment and supplies)

## "APPROVED FOR RELEASE: 08/23/2000 CIA-RI

CIA-RDP86-00513R000927420003-4

muse, i.i. Muse, i.i.

"Material on the surgical analog of the ilec-cocal portion of the intestine." Kiev Order of Lator Red Panner Ledical Instituted Academician A. A. Rogamol ts. Kiev, 1956. (Discertation For the Degree of Gotton in Medical Joiences).

Mo 34, 1996. Moscow.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927420003-4"

KULIK, P.P., dotsent (Vinitse, ul. Lenine, d.63, kv.6)

Topographic anatomical characteristic of the appendix vermiformis in adults. Nov.khir.arkh. no.4:22-27 Jl-Ag '57. (MIRA 10:11)

1. Kafedra operativnoy khirurgii i topograficheskoy anatomii (zav. - prof. Novitskiy, S.T. [deceased]) Kiyevskogo meditsinskogo instituta i kafedra operativnoy khirurgii i topograficheskoy anatomii (zav. - dots. P.P.Kulik) Vinitskogo meditsinskogo instituta.

(APPENDIX (ANATOMY))

### KULIK, P.P., dotsent

Anatomical and clinical characteristic of the appendix vermiformis in children. Vrach.delo no.7:733-735 J1 157. (MIRA 10:8)

1. Kafedra operativnoy khirurgii i topograficheskoy anatomii (zav. - prof. S.T.Novitskiy [deqeased]) Kiyevskogo meditsinskogo instituta i kafedra operativnoy khirurgii i topograficheskoy anatomii (zav. - dotsent P.P.Kulik) Vinnitskogo meditsinskogo instituta (APPENDIX (ANATOMY))

KULIK, P.P., doktor med.nauk

Interrelation of the vermiform process with adjacent organs. Sbor-nauch-trud. Vin.der.med.inst. 18 no.1:18-28 '58.

(MIRA 16:2)

1. Kafedra operativnov khirurgii i topograficheskov anatomii (zav. kafedrov doktor med.nauk P.P. Kulik) Vinnitskogo gosudarst-vennogo meditsinskogo instituta.

(APPENDIX (ANATOMY))

# KULIK, P.P., doktor med.nauk

Regenerative processes and restoration of functions in regions of interintestinal anastomoses in an experiment. Report No.1. Sbor.nauch.trud.Vin.der.med.inst. 18 no.2:46-56 '58.

(MIRA 16:2)

1. Kafedra operativnov khirurgii i topograficheskov anatomii (zav. kafedrov doktor med.nauk P.P. Kulik) Vinnitskogo gosudarstvennogo meditsinskogo instituta.

(INTESTINES—SURGERY)

KULIK, P.P., prof. (Vinnitsa)

"Topographical anatomy of man plates;" for students by IU.M. Lopukhin, M.N.Molodenkov. Reviewed by P.P.Kulik. Vest. khir. 93 no.9:145-146 S \*164. (MIRA 18:4)

ACESSION NR: AP4017719

S/0294/63/001/003/0394/0398

AUTHORS: Panevin, I. G.; Kulik, P. P.

TITLE: Method for experimental determination of the coefficient of thermal conductivity of a high temperature gas

SOURCE: Teplofizika vy\*sokikh temperatur, v. 1, no. 3, 1963, 394-

TOPIC TAGS: high temperature gas, high temperature gas flow, streamline, blunt body, critical point, molecular heat conduction, laminar boundary layer, molecular thermal conductivity, thermal conductivity coefficient

ABSTRACT: An experimental method is presented which is based on the fact that regardless of the conditions in an incident flow around a blunt body, the stream in a small area around the critical point is always laminar. Since heat transport transverse to the

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ACCESSION NR: AP4017719

laminar boundary layer is due only to molecular heat conduction, measurement of the temperature profile in the boundary layer near the critical point and determination of the heat flux at this point yields the value of the coefficients of molecular thermal conductivity in a larger range of temperatures than possible heretofore. The experimental set-up has been described elsewhere (V. B. Tikhonov, Ye. A. Yakovlev, Sb. tr. MAI, A. V. Kvasnikov, ed. Oboronard 5% at T = 14,000K with approximate theoretical values calculated by the method of W. Lochte-Holtgreven (Repts. Progr. Phys. v. 21, at high pressures. Orig. art. has: 7 figures and 3 formulas.

ASSOCIATION: None

SUBMITTED: 09Jul63

SUB CODE: PH, AI

DATE ACQ: 23Mar64

NO REF SOV: 002

ENCL: 01

OTHER: 004

Card 2/3/7

AKOPOV, M. G., kand. tekhn. nauk; LUNAYEV, M. N., inzh.; KLASSEN, V. I., prof., doktor tekhn. nauk; KULIK, P. P., inzh.; LITOVKO, V. I., kand. tekhn. nauk; MALOFEYEVA, K. T., inzh.

Industrial testing of the preparation of coal pulp with hydrocyclones in a water medium. Obog. i brik. ugl. no.24: 3-10 '62. (MIRA 15:10)

(Coal preparation) (Separators(Machines))

ACCESSION NR: AP4000401.

S/0294/63/001/001/0056/0063

AUTHORS: Kulik, P. P.; Panevin, I. G.; Khvesyuk, V. I.

TITLE: Theoretical calculation of the viscosity, thermal conductivity, and Prandtl number of ionized argon

SOURCE: Teplofizika vy\*sokikh temperatur, v. 1, no. 1, 1963, 56-63

TOPIC TAGS: argon, ionization, viscosity, thermal conductivity, viscosity, aerodynamics, high temperature, gas dynamics, argon ionization, ionized argon

ABSTRACT: It is shown that the presence of electrically charged particles in the ionized gas gives rise to long-range Coulomb forces between the particles along with the short-range atomic forces, and this increases the effective cross sections for the elastic interactions. One of the consequences is a sharp decrease in the viscosity coefficient of the gas and its pressure dependence. It is also

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ACCESSION NR: AP4000401

pointed out that knowledge of the gas kinetic properties of gases at temperatures much higher than experimentally feasible is of great importance in specific problems of aerodynamics and gas dynamics. Information is culled from a large number of Soviet and western sources, and the final results are presented in graphic and tabular form. Thermodiffusion effects are neglected, Original article has 2 tables, 4 figures, and 15 formulas.

ASSOCIATION: None

SUBMITTED: 08Apr63

DATE ACQ: 13Dec63

ENCL: 03

SUB CODE: AS

NO REF SOV: 010.

OTHER: 026

Cord 2/4

KULIK, P.V., inzh.

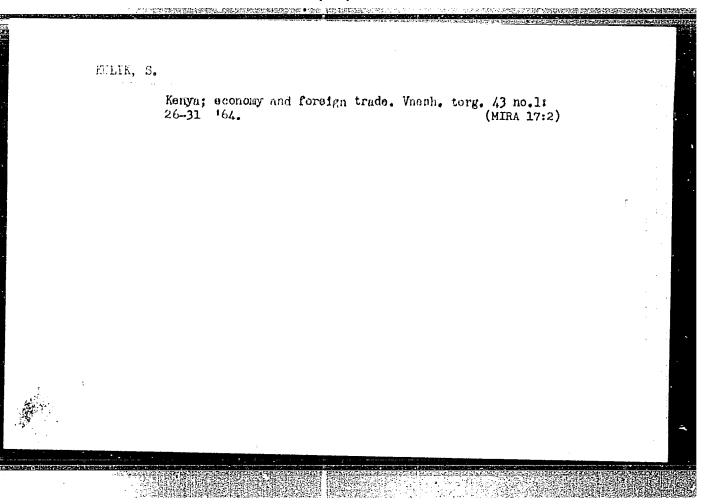
Heating and cooling of the current conductors of large generators. Elek sta. 35 no.10:39-43 0'64.

(MIRA 17:12)

# GLOWIAK, Bohdan; KULIK, Romuald

Preparation of amino-, diazo-, and azidoderivatives of 5-nitro-2-hydroxypyridine. Rocz chemii 36 no.5:959-961 162.

1. Department II of Technology of Nitrogen Derivatives, Technical University, Wroclaw.



Килк (В. А.). Образование видог

КULIK (В. А.). Образование видов у грибов Fusarium в искусственных условиях. [Formation of species in the fungus Fusarium under artificial conditions.]—Агробнология [Agrobiology], 1930, 6, ор. 28-36, 7 figs., 1950.

During the course of isolations from the underground parts of wheat plants over a period of two years at the Plant Protection Laboratory of the Siberian Scientific Research Institute for Cereal Farming, Omsk, 38 strains of Fusarium app. were obtained. From all kinds of wheat seed F. avenucum [R.A.M., 28, p. 184] was the only one isolated; it was never encountered in the roots or in the soil and only rarely on the collar.

Single-spore cultures of F. arenaceum, which showed constant growth characters on potato dextrose agar, were grown in soil. From 108 of these cultures four days later only F. herbarum [F. arenaceum: ibid., 16, p. 243] could be isolated. These latter isolates maintained their characters when grown on various agars and natural media, such as wheat and rice grains, and continued to do so through three generations of single-spore cultures. After alternate low and high temperature treatments it was found that the mycelium which developed from one end of a single spore had the characters of F. herbarum, and from the other end those of F. arenaceum. These two forms were quite distinct morphologically and culturally, and there was no intermediate form. When grown in dual culture toxins were produced which caused the two to be antagonistic to one another.

Field studies showed that some agricultural methods, such as cultivation and manuring, change the balance between the number of parasitic and saprophytic species in the soil, decreasing the former and increasing the latter. A study of the conditions under which parasitic species of fungi may become saprophytic may give an opportunity of working out efficient measures for control of the fusaria of wheat and other crops.

KELIK, S. A.

KULIK, S. A. "Root Rot of Hard Wheat in Western Siberia," Sovetskaia Agronomiia, vol. 9, no. 8, 1951, pp. 57-67. 20 So84.

So: SIRA SI-90-53, 15 Dec. 1953

New species of leaf bugs (Heteroptera, Miridae) from
Eastern Siberia and the Far East. Zool.zhur. 44
no.10:1497-1505 '65. (MIRA 18:11)

l. Kafedra entomologii Irkutskogo sel'skokhozyaystvennogo instituta.

WULIK, S.A.

New species of fungi from Siberian soils.
spor. rast. 13:133-137 '60.
(Siberia--Fungi) (Soil micro-organisms)

(Siberia--Fungi) (Soil micro-organisms)

NATAL'INA, O. B., dotsent; GORLENKO, M. V., prof.; KULIK, S. A., kand. sel'skokhoz. nauk

Brief reports. Zashch. rast. ot vred. i bol. 5 no.5:63 My '60. (MIRA 16:1)

1. Saratovskiy seliskokhosyaystvennyy institut (for Natalina).

2. Moskovskiy gosudarstvennyy universitet (for Gorlenko).

(Flants, Protection of)

KULIK, S.F.

Some traits of life of the peoples of Africa. Geog. v shkole
25 no.5:27-35 S-0 '62.

(Africa-Native races)

(MIRA 15:9)

KULIK, S.F.

Ghana, an ancient and young country. Geog. v shkole 26 no.4:
23-33 Jl-Ag '63.

(MIRA 17:1)

S/048/62/026/007/017,'030 B104/B138

AUTHORS:

Vovk, V. N., Goreva, Ye. I., Kulik, S. I., and Leuta, T. M.

TIPLE:

Experience gained with the operation of two APC-10 (DFS-10)

instruments in the Dneprospetsstal' plant

PERIODICAL:

Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya,

v. 26, no. 7, 1962, 907-913

TEXT: Two DFS-10 quantometers were put into operation in November 1960 for analyzing low- and medium-alloy steels. Rapidity and accuracy were satisfactory as also was the amplifying and recording unit. The following drawbacks were found: (1) As it is not always possible to create the necessary air-conditioning a cooling unit should be fitted. (2) Problems of steel analysis cannot always be solved by low-voltage sparks and arcs. A condensed spark generator should therefore be included. (3) Due to variations in battery voltage, the calibration of the instrument is gone in the course of one day. (4) The f3y-1 (GEU-1) generator does not provide for continuous operation of the instrument, as repairs take half the time. On medium-alloy steels accuracy of Card 1/2

S/048/62/026/007/017/030

Experience gained with the operation ... B104/B138

analysis is almost twice that of optical methods, except for Si and Mn, where it is about the same. A 25% staff reduction can be achieved if this instrument is used in quick-analysis laboratories. There are 3 figures and 10 tables.

Card 2/2

GOREVA, Ye.I.; KULIK, S.I.; LEUTA, T.M.

Operating experience with the DFS-10 photoelectric apparatus at the "Dneprospetsstal'" plant. Zav.lab. 29 no.11:1393-1395 '63. (MIRA 16:12)

"Characteristics of the Pathogenesis of Gucumber Nigrosporosis and Reasons for Control Measures." Cand Biol Sci, Khar'kov State U imeni A. M. Gor'kiy, Khar'kov, 1955. (KL, No 17, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

KULIK, T.A.

Nigrosporosis of corn in the Ukraine. Ukr. bot. zhur. 13 no.3:87-91 '56. (MIRA 9:11)

1. Sinel'nikivs'ka selektsiyno-doslidna stantsiya Ukrains'kogo naukovodoslidnogo institutu zernovogo gospodarstva. (Ukraine--Corn (Maize)--Diseases and pests) (Fungi in griculture)

NEMLITENCO, F.Ye., doktor sel'skokhozysystvennykh nauk; KULIK, T.A., kand,biol,nauk

Semidry disinfection of seed corn. Zashch, rast. ot vred, i bol. 3 no.5:21-22 S-0 '58. (MIRA 11:10)

(Gorn (Maize)--Disinfection)

.... What Discases, biseases of continuetes history

A.S. FOUND and Emm -B.ologiya, No. 5, 1959, No. 20519

Author : Kulik, T.A.

1707. : All Union Sci.Rev.Inst. of Corn.
17710 : Corn Resistance to Common Smut.

OATG. PUB .: Kukuruza, 1958, No.7, 35-36

ABSTINCT: In determining the degree of resistance to

common (boil) smut of selfpollinated lines, hybrids and varieties of corn at the Laboratory of Phytopathology of the All-Union Scientific Research Instituteoof Corn, the hybrids bred by the All-Union Scientific Research Institute of Corn - Uneprovskiy 66, 49 and 56, and VIR 42 proved most resistant to this

disease; Deprovekly 3 and Bukovinskly 3 were less resistant. A description is also given

CARD: 1/2

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# APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927420003

... BGURL : PLANT DISEASES.

ABS. JOUR: Ref Zhuz -Biologiya, No. 5, 1959, No. 20619

AUTHOR : INST : : TITLE :

onig. Pub .:

ABSTRACT: of F.Ye.Nemliyenko's method, applied to determine the resistance of cobs from self-

pollinated lines. B Cobs of the VIR 38, 44, 29 lines were most susceptible, cobs of the VIR 28, 40, 43 lines were most resistant.

--Ya.S. Arutyunyan

CARD: 2/2

KULIK, T.A. [Kulyk, T.A.], kand.biol.nguk

Protection against diseases. Nauka i zhyttia 9 no.3:39-40

Mr '59.

(Gorn (Maize)--Disease and pest resistance)

KULIK, T.A., kand.biolog.nauk

Nigrospora infection of sorgo. Lashch. rast. ot vred. i bol. 8 no.9:16-18 S '63. (MIRA 16:10)

1. Vsesoyuznyy institut kukuruzy.

KULIK, V.A., inzh.

The ET-2 safety device for pulleys. Bezop.truda v prom. 5 no.9:28-29 S '61. (MIRA 14:10)

1. Trest Tuymuzaburneft'. (Pulleys-Safety measures)

KULIK, V.A. (Khar'kov)

Quantitative determination of chloride derivatives of the aromatic series. Gig.truda i prof.zab. 3 no.5:54 S-0 159. (MIRA 13:2)

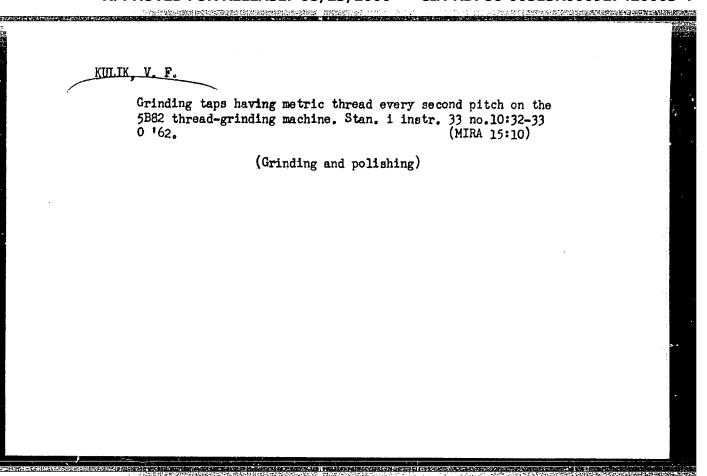
1. Ukrainskiy institut gigiyeny truda i profzabolevaniy. (CHLORINE ORGANIC COMPOUNDS)

SEMENETS, L.V.; MOISEYEV, L.S.; KULIK, Y.A.

Calculating the actual spatial function of bridge spans.

Avt.dor. 22 no.11:17-18 N '59. (MIRA 13:2)

(Bridges)



KULIK, V.F.; YEGOROV, Yu.P.; MAREHETS, M.S.; YAGUPGLISKIY, L.M.

Infrared spectra and polar effects in para-substituted benzene containing the groups SCF3, SOCF3, SO2CF3, and OCF3. Zhur.strukt. khim. 4 no.4:541-547 J1-Ag '63. (MIRA 16:9)

1. Institut khimii polimerov i monemerov AN UkrSSR, Kiyev. (Benzenc derivatives—Absorption spectra)

KULIK, V.F.; YEGOROV, Yu.P.; PANTELEYMONOV, A.G.; FIALKOV, Yu.A.; YAGUPOL'SKIY,

Electronic interaction and infrared spectra of para-derivatives of benzene X - C6H<sub>4</sub> - Y - CF<sub>3</sub>. Teoret. i eksper. khim. 1 no.2:171-178 Mr-Ap '65. (MIRA 18:7)

1. Institut khimii vysokomolekulyarnykh soyedineniy AN UkrSSR, Kiyev i Institut organicheskoy khimii AN UkrSSR, Kiyev.

KULIK, V.F.

Ninth Mendeleev Congress on General and Applied Chemistry,
Teoret. 1 eksper. khim. 1 no.4:554-557 '65. (MIRA 18:10)

KULIK, V. G.

"The Electromotive Force of a Stomach in Respect to the Amount of Gastric Juice and to the Concentration of Hydrochloric Acid in the Juice," Sub. 26 Dec 47, Military Veterinary Academy, USSR.

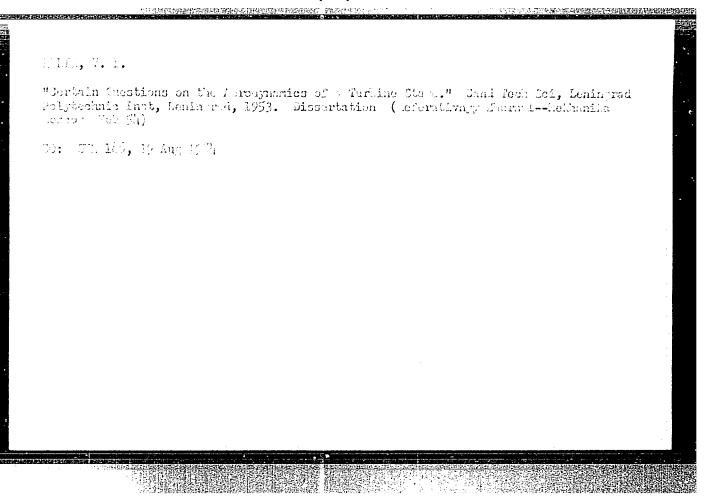
Dissertations presented for degrees in science and engineering in Moscow in 1947.

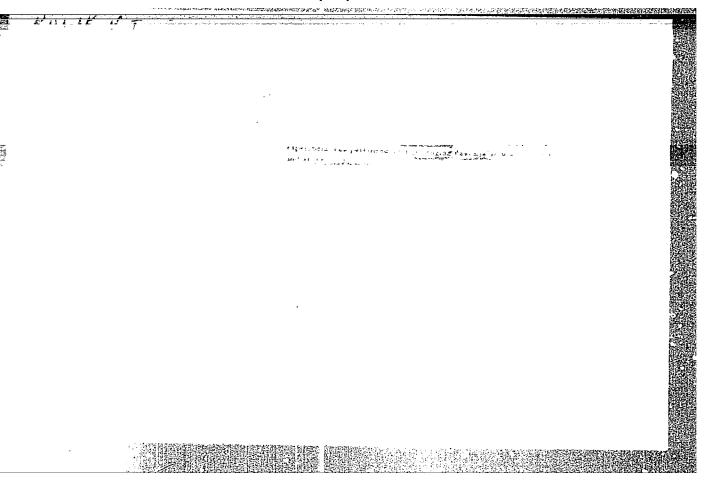
SO: Sum. No. 457, 18 Apr 55

KULIK, Y. G., DYUDENKO, V. S. AND SHCHML'TSIn, A. F.

"Use of a novocaine blockade in surgical practice," Nauch.-prakt raboty voyen-vet. sluzhby,
Moscow, 1948, p. 23-26

SO: U-3850, 16 June 53, (Letopis 'Zhurnal 'nykh 'Statey, No. 5, 1949).





8 (6 ) S0V/112-57-5-9855

Translation from: Referativnyy zhurnal, Elektrotekhnika, 1957, Nr 5, p 31 (USSR)

AUTHOR: Kulik, V. I.

TITLE: Experimental Investigation of Contour Losses in a Turbine Grid Having Somewhat Rough Blade Surfaces (Eksperimental'noye issledovaniye profil'nykh poter' v turbinnoy reshetke s nekotoroy sherokhovatost'yu poverkhnosti Iopatok)

PERIODICAL: Tr. Novocherkas. politekhn. in-ta, 1956, Nr 33/47, pp 94-96

ABSTRACT: Bibliographic entry.

Card 1/1

The common state of spikers control and the engages of page 1500 in the second of the control of

KULIK, V.I. (Moskva, Ye-266, Semenovskaya naberezhnaya, d.2/1, kv.21);
HABKIN, I.Kh.

Significance of an X-ray novie study in studying the functional state of the esophagus following its prosthesis; experimental study. Grud. khir. 6 no.1:86-89 Ja-F '64. (MIRA 18:11)

1. Laboratoriya po peresadke organov i tkaney (zav. - chlen-korrespondent AMN SSSR V.V. Kovanov) AMN SSSR i gospital'naya khirurgicheskaya klinika (zav. - deystvitel'nyy chlen AMN SSSR B.V. Petrovskiy) I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova. Sulmitted November 10, 1962.

L 23143-66 EWI(m)/EWP(f)/EWP(f) IJP(g) JD/gM

ACC NR: AP6006941 SOURCE CODE: UR/0075/66/021/002/0196/0199

AUTHOR: Babko, A. K.; Shkaravskiy, Yu. F.; Kulik, V. I.

ORG: Institute of General and Inorganic Chemistry, AN UkrSSR, Kiev (Institut Obshchey i neorganicheskoy khimii AN UkrSSR)

TITLE: Use of phosphomolybdates of basic dyes in the extractive-photometric determination of phosphorus

SOURCE: Zhurnal analiticheskoy khimii, v. 21, no. 2, 1966, 196-199

TOPIC TAGS: photometric analysis, phosphorus, phosphorus compound, molybdenum compound, dye chemical

ABSTRACT: The interaction of the phosphomolybdic complex (PMC) of phosphorus with basic dyes (BD) and the possible use of the latter for the extractive-photometric determination of phosphorus were investigated. In acid media, PMC forms colored precipitates with the following BD: crystal violet, methyl violet, basic brilliant green, malachite green, auramine, iodine green, rhodamine 6G, neutral red, safranine, toluidine blue. A study of the extraction of PMC-BD compounds by eighteen

UDC: 543.70

Card 1/2

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